

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Santini, Jr., et al.

Serial No. 10/042,996

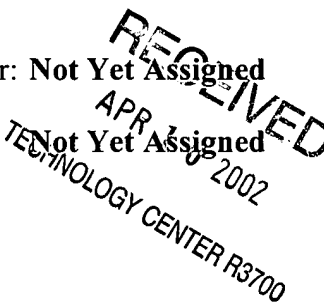
Filed: January 9, 2002

For: Flexible Microchip Devices  
For Ophthalmic and Other  
Applications



Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned



INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

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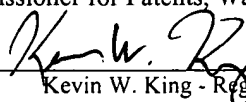
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The citation of information on the attached four (4) pages of Form PTO-1449, "List of Art Cited by Applicants" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

No fee is believed to be required for consideration of this Information Disclosure Statement. The citation of this information does not constitute an admission of priority or that

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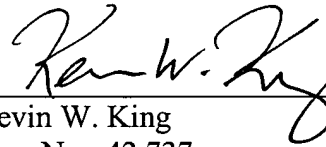
  
Kevin W. King - Reg. No. 42,737

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any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,



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Attorney Docket No.: 17509-0024

FORM PTO-1449, Adapted

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ATTY. DOCKET NO.

17509-0024

SERIAL NO.

08/042,996

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APPLICANT(S)

Santini, Jr., et al.

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**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,692,027	09/19/72	Ellinwood, Jr.			
	4,360,019	11/23/82	Portner et al.			
	4,507,115	03/26/85	Kambara et al.			
	4,585,652	04/29/86	Miller et al.			
	4,731,049	03/15/88	Parsi			
	4,793,825	12/27/88	Benjamin et al.			
	5,042,975	08/27/91	Chien et al.			
	5,167,625	12/01/92	Jacobsen et al.			
	5,170,801	12/15/92	Casper et al.			
	5,200,051	04/06/93	Cozzette, et al.			

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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO	
	93/03790	03/04/93	WO	Rutgers, The State University of NJ		
	197 16 683	06/04/98	DE	Fraunhofer Ges Forschung	X	
	00/40089	07/13/00	WO	Massachusetts Eye & Ear Infirmary		
	01/12157	02/22/01	WO	MicroCHIPS, Inc.		

**OTHER REFERENCES** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Ambati, et al., "Transscleral Delivery of Antibodies to the Posterior Segment," Investigative Ophthalm. & Visual Sci., 40(4):457-B417 (1999).
	Barillaro, et al., Optical Materials, 17(1-2):91-94 (2001).
	Bremus-Kobberling, et al., "Laser Microperforation of a Retina Implant," Presentation at Microtechnology Conference, Germany, September 25-26, 2000.
	Low, et al., "Microactuators Towards Microvalves for Responsive Controlled Drug Delivery," Sensors & Actuators B 67: 149-60 (2000).

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,252,294	10/12/93	Kroy et al.			
	5,279,607	01/18/94	Schentag et al.			
	5,318,557	06/07/94	Gross			
	5,324,316	06/28/94	Schulman et al.			
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	5,368,704	11/29/94	Madou et al.			
	5,368,588	11/29/94	Bettinger			
	5,429,822	07/04/95	Gresser et al.			
	5,443,508	08/22/95	Giampapa			

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DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO	
01/35928	05/25/01	WO	MicroCHIPS, Inc.		
01/37926	05/31/01	WO	Abiomed, Inc.		
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	Madou & Florkey, "From Batch to Continuous Manufacturing of Microbiomedical Devices," <i>Chem. Rev.</i> , 100: 2679-92 (2000).
	Madou, <u>Fundamentals of Microfabrication</u> , pp. 468-512 (CRC Press 1997).
	Madou & He, "Exploitation of a Novel Artificial Muscle for Controlled Drug Delivery," pp. 495-497 (1999).
	Schwarz, et al., "Micro Implantable Visual Prostheses," 1 <sup>st</sup> Annual Int'l IEEE-EMBS Special Topic Conference on Microtechnologies in Medicine & Biology, Lyon, France, October 12-14, 2000.

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	5,585,069	12/17/96	Zanzucchi et al.			
	5,713,954	02/03/98	Rosenberg et al.			
	5,797,898	08/25/98	Santini, Jr. et al.			
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	5,807,397	09/15/98	Barreras			
	5,841,122	11/24/98	Kirchhoff			
	5,842,787	12/01/98	Kopf-Sill et al.			
	5,843,767	12/01/98	Beattie			
	5,962,081	10/05/99	Öhman et al.			

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DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION YES NO
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	Surbled, et al., "Shape Memory Alloys for Micromembranes Actuation," <i>SPIE</i> 3825: 63-70 (1999).
	Surbled, et al., "Array of Shape Memory Alloy One-Shot Micro-Valves for Drug Delivery," <i>MME '99</i> , Gif sur Yvette, France (Sept. 27-28, 1999).
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	Tierney, et al., "Electroreleasing Composite Membranes for Delivery of Insulin and Other Biomacromolecules," <i>J. Electrochem. Soc.</i> , 137:2005-06 (1990).

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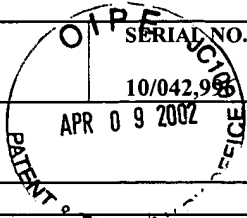
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	6,123,861	09/26/00	Santini, Jr. et al.			
	6,140,740	10/31/00	Porat, et al.			
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	6,243,608	06/05/01	Pauly et al.			
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	09/715,493		Santini, Jr., et al.			11/17/00
	09/727,858		Richards, et al.			12/01/00
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